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P A T E N T & T R A D E M A R K O F F I C E
**FEE TRANSMITTAL
for FY 2003**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.
Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180

METHOD OF PAYMENT (check all that apply)

Check Credit Card MoneyOrder Other None
 Deposit Account:

Deposit Account Number **20-1430**

Deposit Account Name **Townsend and Townsend and Crew LLP**

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims	Fees from below	Fee Paid
Total Claims				
Independent Claims				
Multiple Dependent				

Large Entity	Small Entity	Fee Description
Fee Code	Fee (\$)	Fee Description
1202	18	2202 9
1201	84	2201 42
1203	280	2203 140
1204	84	2204 42
1205	18	2205 9

SUBTOTAL (2) (\$)

*or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large	Entity	Small	Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Petitions related to provisional applications	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify) _____					

*Reduced by Basic Filing Fee Paid

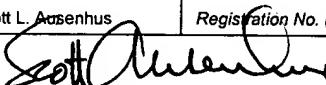
SUBTOTAL (3)

(\$180)

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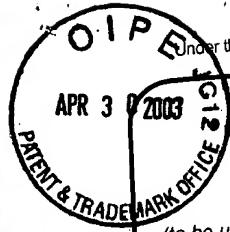
SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Scott L. Aasenhus	Registration No. (Attorney/Agent)	42,271	Telephone	303-571-4000
Signature				Date	April 29, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. DE 7102936 v1



05-02-03
A1647
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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

1

Application Number	09/686,020
Filing Date	October 10, 2000
First Named Inventor	Gosling, Jennifa
Art Unit	1647
Examiner Name	Bunner, Bridget E.
Attorney Docket Number	019934-000710US

Total Number of Pages in This Submission

ENCLOSURES (Check all that apply)

- Fee Transmittal Form
- Fee Attached
- Amendment / Reply
- After Final
- Affidavits/declaration(s)
- Extension of Time Request
- Express Abandonment Request
- Information Disclosure Statement
copies of documents from 3 copending applications and 9 cited references
- Certified Copy of Priority Document(s)
- Response to Missing Parts/ Incomplete Application
- Response to Missing Parts under 37 CFR 1.52 or 1.53

- Drawing(s)
- Licensing-related Papers
- Petition
- Petition to Convert to a Provisional Application
- Power of Attorney, Revocation Change of Correspondence Address
- Terminal Disclaimer
- Request for Refund
- CD, Number of CD(s)

- After Allowance Communication to Group
- Appeal Communication to Board of Appeals and Interferences
- Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
- Proprietary Information
- Status Letter
- Other Enclosure(s)
(please identify below):

Return Postcard

Remarks The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	Townsend and Townsend and Crew LLP Scott L. Ausenhus	Reg. No. 42,271
Signature		
Date	April 29, 2003	

CERTIFICATE OF MAILING

Express Mail Label: EV 154335654 US

I hereby certify that this correspondence is being deposited with the United States Postal Service with "Express Mail Post Office to Address" service under 37 CFR 1.10 on this date April 29, 2003 and is addressed to:
Assistant Commissioner for Patents, Washington, D.C. 20231

Typed or printed name	Maisie C. Livengood	Date	April 29, 2003
Signature			

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231. DE 7101452 v1

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Date of Deposit April 29, 2003

PATENT
Attorney Docket No.: 019934-000710US
Client Reference No.: T019934-
000710US

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By Maisie C. Livengood
Maisie C. Livengood



#21
M.J.J
5/27/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

GOSLING et al.

Application No.: 09/686,020

Filed: October 10, 2000

For: METHODS OF TREATING A CCX
CKR-MEDIATED DISEASE
(AMENDED)

Examiner: Bunner, Bridget E.

Art Unit: 1647

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT UNDER 37
CFR §1.97 and §1.98

05/05/2003 HGUTEMA1 00000005 201430 09686020
01 FC:1806 180.00 CH

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Applicants also request that the following co-pending applications be expressly considered during prosecution of this application: (1) U.S. Patent Application No. 09/686,019 filed October 10, 2000 (copy enclosed); (2) U.S. Patent Application 09/721,341 filed November 21, 2000 (no copy enclosed as the 341 is a continuation of, and identical to, the instant

application) and amendments to claims made in the Amendment filed November 26, 2002 (copy enclosed); and U.S. Patent Application No. 09/721,495 filed November 21, 2000, and claims as pending following entry of Preliminary Amendment filed November 1, 2002.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

This IDS is being filed before the mailing date of the final Office Action or Notice of Allowance.

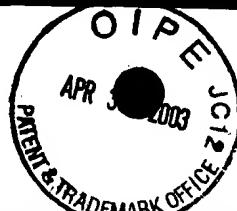
Please charge the IDS fee of \$180 to Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Scott L. Ausenhus
Reg. No. 42,271

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
Tel: 303-571-4000
Fax: 303-571-4321
SLA:mcl
DE 7101449 v1



PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	09/686,020
Page	1	of	2	Filing Date	October 10, 2000
				First Named Inventor	Gosling, Jennifa, et. al.
				Art Unit	1647
				Examiner Name	Bunner, Bridget E.
				Attorney Docket Number	019934-000710US

U.S. PATENT DOCUMENTS					
Examiner	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AA		6,110,695	08-29-2000	Gunn et al.	

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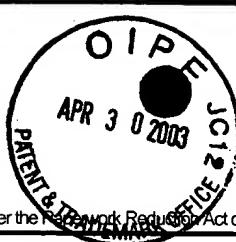
Examiner Signature		Date Considered
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¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Applicant's unique citation designation number (optional). ³ Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁸ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Application Number	09/686,020	
(use as many sheets as necessary)			Filing Date	October 10, 2000	
Page	2	of	2	First Named Inventor	Gosling, Jennifa, et. al.
				Art Unit	1647
				Examiner Name	Bunner, Bridget E.
				Attorney Docket Number	019934-000710US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
	AB	BORK, PEER, et al; Go hunting in sequence databases but watch out for the traps; <i>Trends in Genetics</i> ; October 1996; pp. 425-427; Vol. 12, No. 10		
	AC	BORK, PEER; Powers and Pitfalls in Sequence Analysis: The 70% Hurdle; <i>Genome Research</i> ; 2000; pp. 398-400; Vol. 10		
	AD	BRENNER, Steven E.; Errors in genome annotation; <i>Trends in Genetics</i> ; April 1999; pp. 132-133; Vol. 15, No. 4		
	AE	DOERKS, TOBIAS, et al.; Protein annotation: detective work for function prediction; <i>Trends in Genetics</i> ; June 1998; pp. 248-250; Vol. 14, No. 6		
	AF	NGO, J. THOMAS, et al; Computational Complexity, Protein Structure Prediction, and the Levinthal Paradox; <i>The Protein Folding Problem and Tertiary Structure Prediction</i> , K. Merz, Jr. and S. LeGrand, Editors; 1994; pp. 491-495; Birkhauser, Boston		
	AG	SKOLNICK, JEFFREY, et al; From gene to protein structure and function: novel applications of computational approaches in the genomic era; <i>Trends in Biotech</i> ; 2000; pp. 34-39; Vol. 18, No. 1		
	AH	SMITH, TEMPLE F., et al; The challenges of genome sequence annotation or "The devil is in the details"; <i>Nature Biotechnology</i> ; November 1997; pp. 1222-1223; Vol. 15		
	AI	Wells, James A.; Additivity of Mutational Effects in Proteins; <i>Biochemistry</i> ; September 18, 1990; pp. 8509-8517; Vol. 29, No. 37		

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Examiner Signature		Date Considered	
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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